

**California Department of Transportation  
Stormwater Management Program  
District 9 Work Plan**

Fiscal Year

**2018-2019**

CTSW-RT-17-316.11.1



California Department of Transportation  
Division of Environmental Analysis  
Stormwater Management Program  
500 South Main Street, Bishop, California 93514

<http://www.dot.ca.gov/hq/env/stormwater>

October 1, 2017



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**California Department of Transportation  
District 9 Certification  
District Work Plan 2018-19**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



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**Brent L. Green**

**District 9 Director**

9-11-17

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**Date**

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# 1 Introduction

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## General Information about the District Work Plan

The District Work Plans (DWPs) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 9's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2018-19. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board (SWRCB) website:

[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2012/wq2012\\_0011\\_dwq\\_conformed\\_signed.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf)

The DWP's eight sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways, or facilities can discharge directly to a drinking water reservoir or groundwater recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

## District Goals and Commitments

The goals of the District 9 Stormwater Program are to implement pollution prevention measures and construction site BMPs that minimize the adverse effects of stormwater discharges from Caltrans projects; to work with local partners to develop stormwater solutions; and to educate staff and the public through training and outreach. The District's intention is to inform the public and contractors of statewide requirements to eliminate pollution from stormwater runoff. The NPDES Stormwater Branch Chief and Stormwater Coordinators will meet regularly to further comply with the SWMP and stormwater policy and to review ongoing performance to implement improvements in District stormwater processes.

The District plans to accomplish these goals with the following actions:

- Educate and advise staff on the submittal of projects through electronic filing of Project Registration Documents (PRDs) onto the SWRCB's Stormwater Multi-Application Reporting and Tracking System.
- Construction will continue to train new personnel at the yearly Construction Safety Refresher Course, and the Maintenance Division will continue stormwater/water pollution control training of maintenance personnel.
- Implement guidance and procedures to identify water pollution control in the planning, design, environmental, and construction phases and to bring contracts into compliance with the Permit.
- The District will continue to request funding and perform public outreach as resources allow.



## **2 District Personnel and Responsibilities**

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Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., PRDs, including Notices of Intent or NOIs).

### **District NPDES Stormwater Branch Chief, Senior Transportation Engineer**

The District NPDES Stormwater Branch Chief is a supervisory position, which supports the stormwater coordinators who execute the activities of the Stormwater Program. Under the direction of the District NPDES Stormwater Branch Chief, the coordinators are Transportation Engineers (TEs), Landscape Architects (DLAs), Engineering Technicians (TETs), and the Maintenance Stormwater Superintendent (Supt.) responsible for ensuring compliance with the District stormwater policies. The responsibilities include the following:

- Implements a quality assurance and quality control program for monitoring the activities of the District functional units, to ensure the conditions of the Conformed NPDES Permit, SWMP, and DWP are implemented properly.
- Provides guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Program, as described in the DWP.
- Ensures the accuracy and adequacy of the stormwater workload allocations for each fiscal year.
- Coordinates and tracks resource distributions and projects within the District.
- Works as leader and chairperson of the District Stormwater team and works with the District Training Coordinator to schedule stormwater training.
- Assists other District functional units in prioritizing, monitoring, tracking, and evaluating Stormwater Program resources, activities, and operations.
- Participates in the review of project Plans, Specifications, and Estimates (PS&E) Stormwater Data Reports (SWDR) to address Construction, Pollution Prevention, and Treatment BMPs.
- Coordinates with the NPDES Stormwater Coordinator, as necessary, with respect to RWQCB notifications.
- Represents District 9 in face-to-face Storm Water Advisory Team (SWAT) meetings, Headquarters (HQ) workshops, and other advisory meetings when needed.
- Reviews and coordinates reconciliation of disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.

### **NPDES/Stormwater Coordinator, TE**

The NPDES/Stormwater Coordinator provides guidance, oversight, and coordination on water quality issues throughout the life of the project. The NPDES Stormwater Coordinator will consult with the District NPDES Stormwater Branch Chief and stormwater coordinators on project activities which have a direct relationship to the Conformed NPDES Permit, Construction General Permit (CGP), potential enforcement actions, and stormwater issues. The NPDES/Stormwater Coordinator will represent the District to HQ, external partners, the Regional Water Board, and regulatory agencies.

The responsibilities include the following:

- Attends all Project Delivery Team meetings, and assists Project Delivery in the evaluation and development of solutions to address specific project stormwater impacts.
- Reviews all phases of a project at major milestones to ensure inclusion of appropriate stormwater measures.
- Ensures that stormwater BMPs (design pollution prevention, permanent treatment, and temporary construction site BMPs), Permanent Erosion Control Plans, and the Caltrans Stormwater Pollution Prevention Plan (SWPPP), Water Pollution Control Program (WPCP), or the Erosion and Sediment Control Plan (ESCP) are provided in the SWDR.
- Signs District SWDRs at all phases for all projects.
- Represents the District in the Water Quality Stormwater Advisory Teams (WQSWAT), and Design and Construction/Encroachment Permits Stormwater Advisory Teams (PDSWAT and C/EPswat), as necessary.
- Assists the stormwater coordinator with compiling related materials required for the Annual Report, the DWP, and other stormwater documents.
- Works as the primary liaison, “single point of contact,” on stormwater and waste discharge issues between the District and Headquarters, the SWRCB, the RWQCBs, the U.S. Environmental Protection Agency, and other environmental agencies.

## **Environmental Engineer, TE**

The specific tasks of the Environmental Engineer include the following:

- Assists environmental compliance staff overseeing construction activities with environmental permits, regulations, and/or conditions to ensure the environmental requirements are complied with and thoroughly documented.
- Active participant in the preparation of project specific Environmental Commitment Records; ensures compliance.
- Provides oversight of activities related to soil containing lead in accordance with Caltrans’ agreement with the Department of Toxic Substances Control.
- Coordinates with project engineers and field staff to obtain environmental permits, and ensures compliance and documentation of all permit-related environmental requirements.

## **Stormwater Coordinator, TET**

The specific tasks of the Stormwater Coordinator include the following:

- Develops and delivers the DWP and Annual Report.
- Inputs data into the Stormwater Portal for tracking Measurable Objectives and document uploads.
- Assists the District NPDES Stormwater Branch Chief and the NPDES Stormwater Coordinator in prioritizing, monitoring, tracking, and evaluating the Stormwater activities and operations.
- Reviews SWDRs and prepares comments for the NPDES/ Stormwater Coordinator’s review.
- Attends WQSWATs and reports current information to the NPDES/Stormwater Coordinator, as necessary.

- Conducts inspections and reports deficiencies to the Resident Engineer to ensure that stormwater controls are implemented on construction sites.
- Conducts monthly water sampling at District Safety Roadside Rest Areas water systems and reports information to the Environmental Engineer.

### **Design Stormwater Coordinator, TE**

The Design Stormwater Coordinator is responsible for ensuring that the District 9 Design Office complies with the Conformed NPDES Permit, SWMP, and DWP and assists project engineers in addressing Stormwater Program requirements. Responsibilities include reviewing and commenting on SWDRs, responding to project engineer's stormwater questions, and distributing regulatory changes that affect project design. The responsibilities include the following:

- Supports Design in evaluation and recommendation of temporary controls for non-stormwater discharges and waste management activities.
- Assists Design in evaluation and recommendation of permanent control and temporary treatment measures for addressing project stormwater impacts.
- Ensures that District design staff are updated with current Conformed NPDES Permit and Project Planning and Design Guide requirements.
- Uses the Stormwater Portal database for project tracking, commenting, and document uploads.
- Participates in the PDSWAT.
- Assists the Stormwater Coordinator with compiling related materials required for the Annual Report, the DWP, and other stormwater documents.

### **Maintenance Stormwater Coordinator, Superintendent (Supt.)**

The Maintenance Stormwater Coordinator is responsible for ensuring that the District 9 Maintenance Office complies with the Conformed NPDES Permit, SWMP, and DWP. The Maintenance Coordinator is responsible for communicating relevant SWMP needs to Maintenance personnel and the NPDES/Stormwater Coordinator. This position serves as the single point of contact for all Maintenance Stormwater inquiries and supports the Maintenance staff who execute the activities of the Stormwater Program. The responsibilities include the following:

- Represents the District at Maintenance MSWATs and participates in monthly meetings updating personnel on stormwater-related maintenance activities.
- Reviews Stormwater Programs for elements related to the Division of Maintenance and monitors permanent controls and temporary treatment measures for implementation and effectiveness.
- Coordinates stormwater training for District Maintenance personnel.
- Compiles and provides to the Stormwater Coordinator all related material required for the Annual Report, the DWP, and other related stormwater documents.
- Conducts Facility Pollution Prevention Plan (FPPP) inspections and prepares, maintains, and updates FPPPs.
- Administers the slope inspection program.
- Responds to illegal connections/illicit discharges (IC/IDs).
- Participates in project contract acceptance review in the construction to maintenance walkthrough.

- Reviews and comments on draft stormwater permits to the NPDES and Stormwater Manager.
- Reviews and signs long-form SWDRs to ensure compliance with Maintenance requirements and maintainability of stormwater control measures after construction is completed.
- Uses the Stormwater Portal database for document uploads.

### **Construction Stormwater Coordinator, Senior TE**

The Construction Stormwater Coordinator is responsible for ensuring that the District 9 Construction Office complies with the Conformed NPDES Permit, SWMP, and DWP. The Construction Coordinator ensures that all project-related enforcement actions or corrections requested by the Regional Boards are promptly implemented and documented, serves as the primary conduit for information during the construction phase for Headquarters Construction, and Construction field staff. The Construction Coordinator reviews water pollution control measures in the field and is responsible for the following:

- Serves as the primary point of contact for stormwater issues during the construction phase.
- Reviews SWPPPs and WPCPs to ensure that project plans identify controls and adequately fund stormwater needs for each project.
- Tracks critical compliance milestones that occur before and during the course of construction.
- Conducts final project closeout inspections in the construction to maintenance walkthrough.
- Assists the Resident Engineer in the submittal of the NOI and the Notice of Termination (NOT) to the RWQCB for SWPPP projects.
- Assists in the preparation of construction inspections for SWPPP and WPCP projects.
- Prepares and submits discharge reports and IC/ID reports for Construction.
- Participates in the C/EPswat.

### **Right-of-Way (ROW) Stormwater Coordinator, Office Chief**

The ROW Stormwater Coordinator is responsible for ensuring that the District 9 ROW office complies with the Conformed NPDES Permit, SWMP, and DWP. These responsibilities include the following:

- Ensures that stormwater training is available to ROW agents tasked with property inspection responsibilities.
- Ensures that regular property inspections include stormwater inspections.
- Maintains documentation of the inspection findings and corrective actions.
- Prepares a summary of completed stormwater property inspections for use in Annual Reports.
- Disseminates information and answers questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notifies the NPDES Stormwater Coordinator of discharges or situations that appear to be in violation of the Conformed NPDES Permit, SWMP, or DWP.
- Reports instances where ROW may conduct construction activities that require the development of an SWPPP and related notification (i.e., demolitions, etc.).

## **Hydraulics Engineer, Senior TE**

The Hydraulics Engineer is responsible for providing project-specific information on permanent control measures that are being planned, designed, and implemented in projects. This includes addressing questions regarding erosion, culvert condition, culvert problems, and general drainage concerns. If field teams cannot address a problem, then the Hydraulics Engineer will recommend corrective measures.

## **Public Affairs Coordinator (PIO)**

The Public Information Officer (PIO) is responsible for ensuring that District 9 responds to all stormwater-related media requests. The PIO is responsible for the preparation and dissemination of information about District stormwater activities to the media, elected officials, stakeholders, the public, employees, and to functional units within the District and Caltrans.

The PIO prepares news releases and responds to inquiries regarding stormwater issues. The PIO organizes and conducts groundbreaking and ribbon cutting ceremonies, incorporating when feasible, stormwater public information. Coordinates with the Stormwater Coordinator to publish articles and web-based material for all publications, news releases, and District stormwater photos and videos for social media pages.

## **Encroachment Permits Stormwater Coordinator, TE**

The Encroachment Permits Stormwater Coordinator is responsible for ensuring that the District 9 Permit Office complies with the Conformed NPDES Permit, SWMP, and DWP. The Office of Permits is responsible for issuing permits within Inyo, Mono, eastern Kern, and portions of San Bernardino County to local agencies, utility companies, and others (e.g., film production companies, marathon sponsors, and communities) who desire to encroach into Caltrans' ROW for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permitted activities encroaching into Caltrans' ROW comply with the Conformed NPDES Permit in a manner that is consistent with Design, Construction, and Maintenance requirements. The responsibilities include the following:

- Reviews ongoing Caltrans Encroachment Permit applications to determine whether stormwater BMPs (design pollution prevention, permanent treatment, and temporary construction site BMPs), Permanent Erosion Control Plans, and Caltrans SWPPP, WPCP, or ESCP are provided.
- Coordinates permit activities with District 9 Construction and NPDES Stormwater Coordinator.
- Monitors all pending and active Encroachment Permit (EP) projects that have stormwater issues.
- Reviews and accepts encroachment permit applicants' SWPPPs, WPCPs or ESCPs.
- Attends/participates in stormwater meetings in the District and C/EPSWAT conferences.
- Assists District 9 EP Inspectors in resolving stormwater issues related to active or new projects.
- Conducts field inspections of authorized District 9 EP construction work.
- Contacts District Maintenance and the NPDES/Stormwater Coordinator for IC/ID activities or operations, and assists during investigations.
- Maintains SWPPP records per the CGP requirements.

## **District Landscape Architecture Stormwater Coordinator, DLA**

The DLA Stormwater Coordinator is responsible for ensuring that landscape and erosion control features of projects are in compliance with the Conformed NPDES Permit, SWMP, and DWP. The DLA is a liaison with Headquarters Landscape Architecture Program to develop, submit, review, and obtain approval for all specifications and details related to erosion and sediment control.

Responsibilities include the following:

- Determines and evaluates stormwater impacts during California Environmental Quality Act/ National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluates and recommends permanent control and treatment control measures to address a project's stormwater impacts.
- Develops specifications, details, and guidance materials related to erosion and sediment control. Prepares contract PS&E to address erosion and sediment controls for projects.
- Reviews the contract PS&E for required permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- After review, signs SWPPPs at the Project Initiation Document, the Project Approval/ Environmental Document (PA/ED), and the PS&E phases.
- Participates in the Design SWAT.

Table 2-1 lists staff members responsible for implementing the Stormwater Program.

**Table 2-1: District 9 Stormwater Personnel and Responsibilities**

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Rob Sanchez, Senior TE	NPDES Branch Chief	(760) 872-0656	rob.sanchez@dot.ca.gov	Directs District operations for stormwater management. Ensures District efforts achieve compliance with the Conformed NPDES permit. District signatory authority for all compliance documents regarding stormwater.
Matthew Goike, TE	NPDES/SW Coordinator and Environmental Engineer	(760) 872-0714	matthew.goike@dot.ca.gov	Primary contact for stormwater-related issues and Liaison to HQ, RWQCB, and stakeholders. Reviews adequacy of all SWDRs including SSPs and estimates to address BMPs in SWPPPs and WPCPs. District signatory on SWDRs, permits, and other stormwater documents.
Vacant, TET	Stormwater Coordinator	vacant	Vacant	Relates stormwater issues to the NPDES/SW Coordinator, Resident Engineer, and PIO.
Ron Kaiser, Supt.	Maintenance SW Coordinator	(760) 937-8951	ronald.kaiser@dot.ca.gov	Primary contact for Maintenance stormwater related issues.
Ron Chegwiddden, TE	Design SW Coordinator	(760) 872-0764	ron.chegwiddden@dot.ca.gov	Primary contact for Design stormwater related issues.
Rob Sanchez, Senior TE	Construction SW Coordinator	(760) 872-0656	rob.sanchez@dot.ca.gov	Primary contact for Construction related stormwater issues. Assists the RE in submitting NOI/NOT to the RWQCB.
Kurt Weiermann, TE	Encroachment Permits SW Coordinator	(760) 872-0781	kurt.weiermann@dot.ca.gov	Primary contact for EP-related stormwater issues.
Jim Hibbert, DLA	District Landscape Architecture SW Coordinator	(760) 872-0783	jim.hibbert@dot.ca.gov	Primary contact for Landscape Architecture and erosion control-related stormwater issues.
Brian Wesling, Senior TE	Hydraulics SW Coordinator	(760) 872-0630	brian.wesling@dot.ca.gov	Primary contact for Hydraulics-related stormwater issues.
Florene Trainor, PIO	Public Affairs SW Coordinator	(760) 872-0603	florene.trainor@dot.ca.gov	Works with the Stormwater Coordinator to publish articles and web based material for all publications; news releases; and District stormwater photos and videos for social media pages.
Nancy Escallier, OC	Office Chief, ROW SW Coordinator	(760) 872-0641	nancy.escallier@dot.ca.gov	Primary contact for ROW-related stormwater issues.

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

***Table 2-2: District 9 Signatory Authority for Key Documents***

<b>Position or Individual</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Documents Authorized for Signatures</b>
District Director	(760) 872-0602	brent.green@dot.ca.gov	All District documents; Duly Authorized Representative for Stormwater.
NPDES Stormwater Branch Chief	(760) 872-0656	rob.sanchez@dot.ca.gov	Duly Authorized Representative for Stormwater. All District Stormwater and project documents except DWP
Deputy District Directors, Project Engineers	various	Various	Various District documents except District Work Plan
NPDES/Stormwater Coordinator and Environmental Engineer	(760) 872-0714	matthew.goike@dot.ca.gov	SWDRs, WPCPs, SWPPPs, Notice of Soil Reuse with Aerially Deposited Lead
Construction Stormwater Coordinator	(760) 872-0656	rob.sanchez@dot.ca.gov	SWDRs, WPCPs, SWPPPs, NOI, NOT, Notice and Non-Compliance Reporting, Discharge or threat of Discharge Notification, Incident Report Form
Maintenance Stormwater Coordinator	(760) 937-8951	ronald.kaiser@dot.ca.gov	SWDRs, FPPPs, Notice and Non-Compliance Reporting, Report of IC/ID, Incident Report Form
Encroachment Permits Stormwater Coordinator	(760) 872-0781	kurt.weiermann@dot.ca.gov	WPCPs, SWPPPs, ECSPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Environmental Engineer and Hazardous Waste Coordinator	(760) 872-0714	matthew.goike@dot.ca.gov	Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form, Veg-Con authorization forms
Project Engineer, Resident Engineer	various	various	WPCPs, SWPPPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
District Landscape Architect	(760) 872-0783	jim.hibbert@dot.ca.gov	SWDRs

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.



Figure 2-1: District 9 Organizational Chart

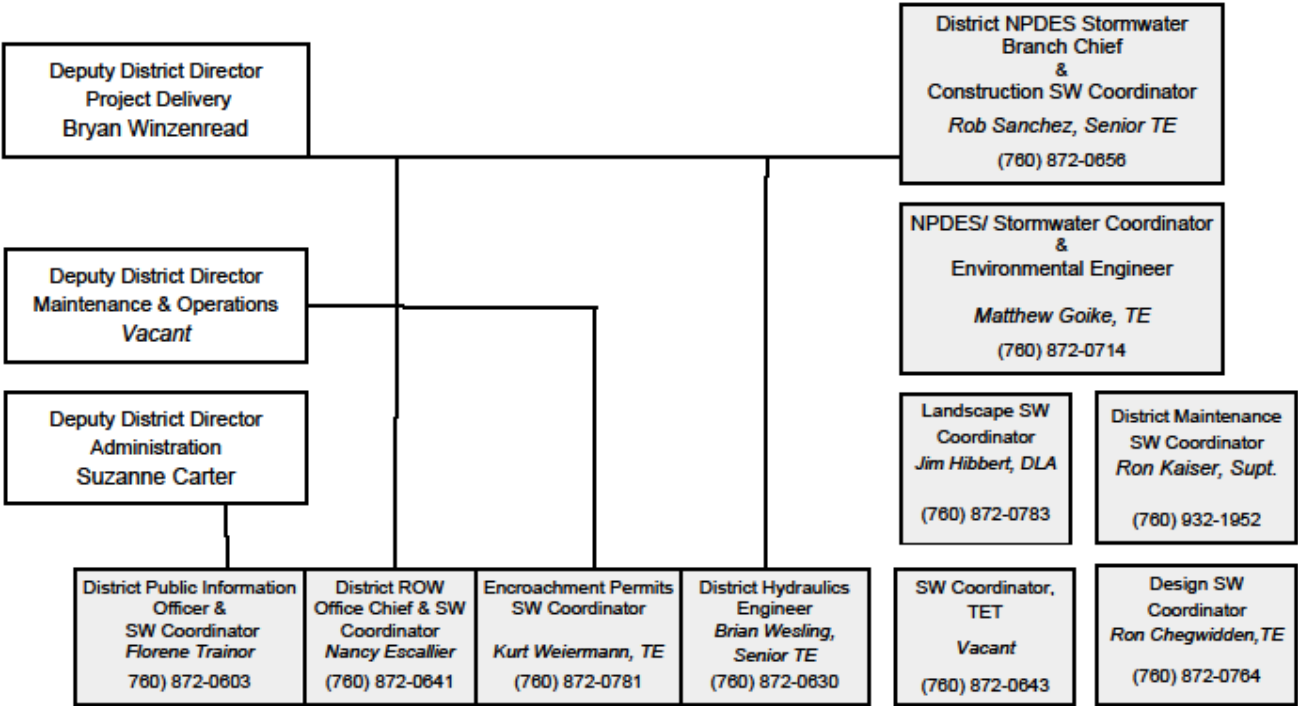


Figure 2-1: District 9 Stormwater (SW) Personnel

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### **3 District Facilities and Water Bodies**

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Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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## 4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned ROWs, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and groundwater percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 9 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 9 is presented in Table 4-1.

**Table 4-1: District 9 Drinking Water Reservoirs and Recharge Facilities**

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 158, PM 2.3 – 14.4	Mono	6	June Lake System	Used as a domestic water supply during peak use periods only. Accidental spills could potentially impact the drinking water resource before a response could be initiated.	An evaluation of appropriate and cost-effective BMPs used during projects will be considered as required.

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## 5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 9 that have slopes that are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 9's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

*Table 5-1: District 9 Inventory of Road Segments Prone to Erosion*

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
SR 190 PM 67.0 -68.0	Inyo	Lahontan Region 6	Osborne Canyon- Panamint Valley	N/A
SR 182 PM 4.5 – 5.5	Mono	Lahontan Region 6	Bridgeport Reservoir- East Walker River, Murphy Creek-East Walker River	N/A
SR 182 PM 7.0 – 8.0	Mono	Lahontan Region 6	Murphy Creek-East Walker River	N/A
SR 182 PM 8.4 -8.5	Mono	Lahontan Region 6	Murphy Creek-East Walker River	N/A
US 395 PM 90.0-103.0	Mono	Lahontan Region 6	Hot Creek, Lower Little Walker River, Rock Creek-West Walker River	(PM 93.4 - 95.7) 11/1/2019

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 9 in 2017, including rock cut slopes, landslides, and moderate soil erosion.

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# District 9

## California State Highway System 2017 Areas Prone to Erosion

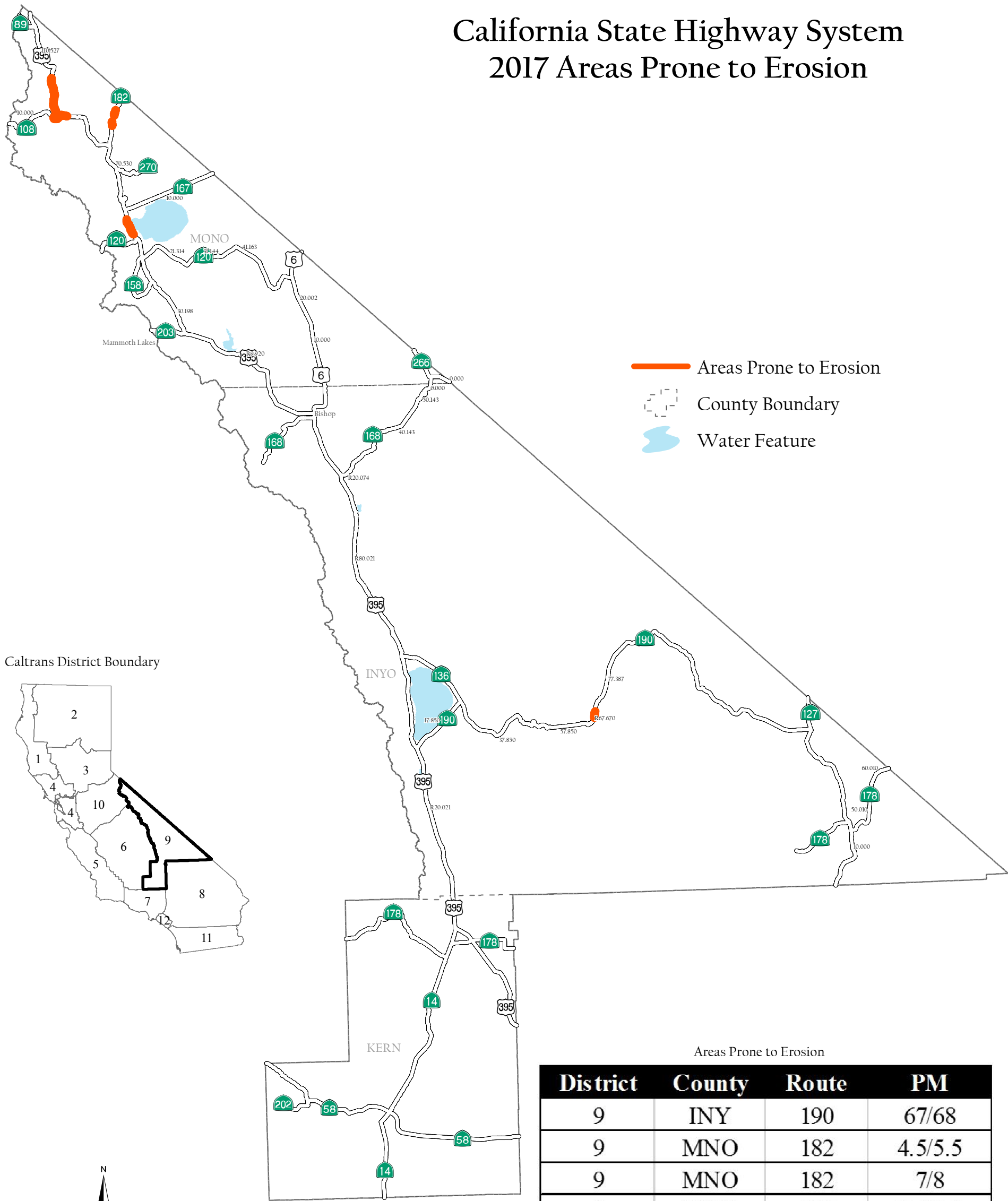
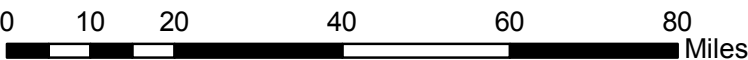


Figure 5-1

Areas Prone to Erosion			
District	County	Route	PM
9	INY	190	67/68
9	MNO	182	4.5/5.5
9	MNO	182	7/8
9	MNO	182	8.4/8.5
9	MNO	395	52.11/55.91
9	MNO	395	53.05/53.55
9	MNO	395	90/103



NOTE:  
Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.



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## 6 Implementation

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Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the PA/ED, PS&E, and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Groundwater Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route, and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Groundwater Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 9 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
1	09-21340	INY	395	29.2	41.8	6	Olancha Cartago Construct 4-lane expressway	Owen's Dry Lake, several dry creeks	Y	TBD	None	350.0	9280	131.3%	SWPPP	INDTRE	6/27/17	1/1/20	10/1/20	2 seasons 8/1/21
2	09-34940	MNO	395	88.4	91.6	6	Aspen Fales Shoulder widening	Fales Hot Springs, Hot Creek	Y	401	None	13.4	4.0	29.8%	SWPPP	DPPIA	5/3/17	5/31/18	4/29/19	2 seasons 10/30/20
3	09-35080	MNO	395	80.6	84.1	6	Sheep Ranch Shoulders Widen shoulders and flatten side slopes	Swauger Creek	Y	401	None	17.2	5.0	29.0%	SWPPP	TRCSND/3	1/4/15	1/20/17	9/1/17 6/1/18	2 seasons 11/1/17 9/1/18
4	09-35210	INY	168 395	17.4 114.9	18.3 115.5	6	Bishop ADA Upgrades Upgrade PED facilities	N/A	N	None	None	0.0	<0.1	N/A	WPCP	None	1/30/15	5/16/17	12/1/17	11/30/18
5	09-36470	MNO	395	60.0	69.9	6	Conway MBGR Upgrade guardrail	N/A	N	None	None	0.01	0.002	N/A	WPCP	None	12/15/17	4/12/18	3/18/19	12/6/19
6	09-36580	INY	395	77.4	91.6	6	SB Black Rock CAPM Pavement interlayer and double chip sea	N/A	N	None	None	0.0	0.0	N/A	WPCP	E	9/30/16	8/7/17	2/23/18	3/8/18
7	09-35320	INY	190	69.2	69.8	6	Towne Pass Curve Correction Realign highway and widen shoulders	Dry wash	N	401 or WQC/TBD	None	6.0	0.7	11.6%	SWPPP	DPPIA	5/5/17	5/1/18	1/3/19	1/3/20
8	09-36590	INY INY	395 136	54.6 0.0	57.4 0.11	6	South Lone Pine CAPM Overlay of existing pavement	N/A	N	None	None	0.0	0.0	N/A	WPCP	E	9/29/17	1/1/18	7/1/18	10/3/18
9	09-36420	MNO	395	63.4	63.7	6	Virginia Lakes Turn Pocket and Cinder Shed	N/A	N	None	None	2.6	0.80	22.3%	WPCP	None	12/1/16	1/1/17	7/1/18	10/31/18
10	09-36410	INY	168	17.3	17.3	6	South See Vee Signal Install Signals	N/A	N	None	None	0.08	0.04	N/A	WPCP	E	9/1/16	12/1/17	6/1/18	9/1/18
11	09-36460	INY/ MNO	6	4.3	0.80	6	US 6 McNally Shoulders Shoulder widening	N/A	N	None	None	11.0	6.80	18.4%	SWPPP	DPPIA	9/26/16	5/30/17	6/1/18	10/5/18
12	09-36340	INY	178	43.39	43.44, and 44.16	6	Shoshone Culverts Replace culverts	Amargosa River	N	C	None	0.3	0.02	N/A	WPCP	C	7/1/18	8/1/19	11/1/20	7/1/21
13	09-35780	MNO	395	93.4	95.7	6	Little Walker Shoulders Install Rumble strips and shoulder widening	Little Walker River	N	401	None	7.3	3.0	41%	SWPPP	DPPIA	7/30/15	11/1/17	8/22/18	2 seasons 11/1/19
14	09-33500	MNO	395	52.3	53.7	6	Lee Vining Rockfall - Phase 2: 5-year erosion and plant establishment monitoring 11/16 – 11/21	Mono Lake	N	None	Sediment	5.5	N/A	N/A	SWPPP	SA	7/25/13	10/3/14	11/1/16	5 years 11/1/21

<sup>1</sup> Regional Board

<sup>2</sup> Supplemental Environmental Projects designated as “SEP.”

<sup>3</sup> Projects adjacent to Drinking Water Reservoirs or Groundwater Recharge Facilities are noted (DW) and (GW), respectively.

<sup>4</sup> Water bodies with a 303(d) designation are noted in parentheses.

<sup>5</sup> If yes, a 401 permit will be required for this project. NA = Not Available at this time.

<sup>6</sup> Regional Water Board Permits required other than CGP and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>7</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>8</sup> A description of the Construction Controls is available in the project’s SWPPP, WPCP, or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

<sup>9</sup> Treatment Control Status identified by: device type/number of devices, exempt (“E”), or under consideration (“C”). See Treatment Control Status Legend below for device type abbreviations.

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

\* Water quality volume (WQV) infiltrates within the right-of-way. (When this is demonstrated for at least 90 percent of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 9 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected <sup>10</sup>	Other Regional Water Board Permits Required <sup>11</sup>	Potential and Actual Impacts of Project's Discharge <sup>12</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/ TBD/NA) <sup>13</sup>	Post-Construction Treatment Control Type, Quantity <sup>14</sup>	Start Date	Completion Date
1	Kern	395, 14, 178, 58, 202	VAR	VAR	5 and 6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations	NONE	N/A	Minimized per approved SWMP	<1	N/A	N/A	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/18	6/30/19
2	Inyo	395, 190, 178 168, 136, 127, 6,	VAR	VAR	6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations	NONE	N/A	Minimized per approved SWMP	<1	N/A	N/A	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/18	6/30/19
3	Mono	395, 270, 266 203, 182, 167, 158, 120, 108, 89, 6,	VAR	VAR	6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations	NONE	N/A	Minimized per approved SWMP	<1	N/A	N/A	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/18	6/30/19

<sup>10</sup> Receiving waters within or adjacent to maintenance activity designated as “303(d) (constituent type).” Activity adjacent to Drinking Water Reservoir or Groundwater Recharge Facilities designated as “DW.”  
<sup>11</sup> Regional Water Board Permits required other than CGP, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.  
<sup>12</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.  
<sup>13</sup> A description of the Construction Controls is available in the project’s SWPPP, WPCP, is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.  
<sup>14</sup> Treatment Control Status identified by: device type/number of devices, exempt (“E”), or under consideration (“C”). See Treatment Control Status Legend below for device type abbreviations.

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

\* WQV infiltrates within the right-of-way. (When this is demonstrated for at least 90 percent of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)



Table 6-3 lists the District's planned monitoring activities.

**Table 6-3: District 9 Monitoring Activities**

Statewide Monitoring Program Activities
<p>The District will:</p> <ul style="list-style-type: none"> <li>• Notify the municipalities via written correspondence of any ICs/IDs discovered within the District right-of-way and associated with a municipality's jurisdiction.</li> <li>• Discuss and be open to any possible opportunities to participate in public outreach programs sponsored by the municipalities.</li> <li>• Coordinate with Inyo County, Kern County, Mono County, San Bernardino County, the local resource agencies, and local Native American tribes throughout all phases of Caltrans' projects.</li> <li>• Address stormwater concerns and related projects located within the cities of Bishop, Mammoth Lakes, Ridgecrest, California City, Tehachapi, and the Community Service Districts of the District's unincorporated towns with their input and assistance.</li> <li>• Disseminate Caltrans' stormwater concerns to proponents of local developments through the Intergovernmental Review/CEQA/NEPA process and the EP process.</li> <li>• Coordinate with the Lahontan and Central Valley RWQCBs via the submittal of the DWP, which includes a list of the District's upcoming activities for the fiscal year.</li> <li>• Coordinate with Death Valley National Park semi-annually to discuss project-related matters that often include stormwater projects.</li> </ul>
ASBS Core Monitoring Sites
<p>District sites include the following:</p> <ul style="list-style-type: none"> <li>• Monitoring activities will be conducted in accordance with the Statewide Monitoring Program on an as-needed basis.</li> <li>• The District will continue to monitor the stormwater outflow at Lee Vining Maintenance Station.</li> <li>• Construction activities are inspected through the Construction Compliance Monitoring Program and the monitoring results will be provided in the Annual Report.</li> </ul>
ASBS Ocean Receiving Water and Reference Monitoring Sites
<ul style="list-style-type: none"> <li>• N/A</li> </ul>

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## **7 Region-Specific Activities**

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Section 7 of the DWP identifies the applicable region-specific activities that District 9 has planned for fiscal year 2018-19 to comply with Attachment V of the Conformed NPDES Permit.

### **Lahontan Region**

#### **Vegetation Removal or Existing Ground Surface Disturbance Prohibition**

District 9 will comply with the vegetation removal or existing ground surface disturbance prohibition requirements within the Lahontan Region as described in the Conformed NPDES Permit.

#### **Project Review Requirements**

District 9 will comply with the project review requirements within the Lahontan Region as described in the Conformed NPDES Permit.

### **Central Valley Region**

The RWQCB has not notified District 9 of region-specific requirements for this District as identified in the Conformed NPDES Permit.

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## **8 DWP Noncompliance and Improvements**

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No DWP noncompliance incidents or improvements were identified for District 9.

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